

Fig.1

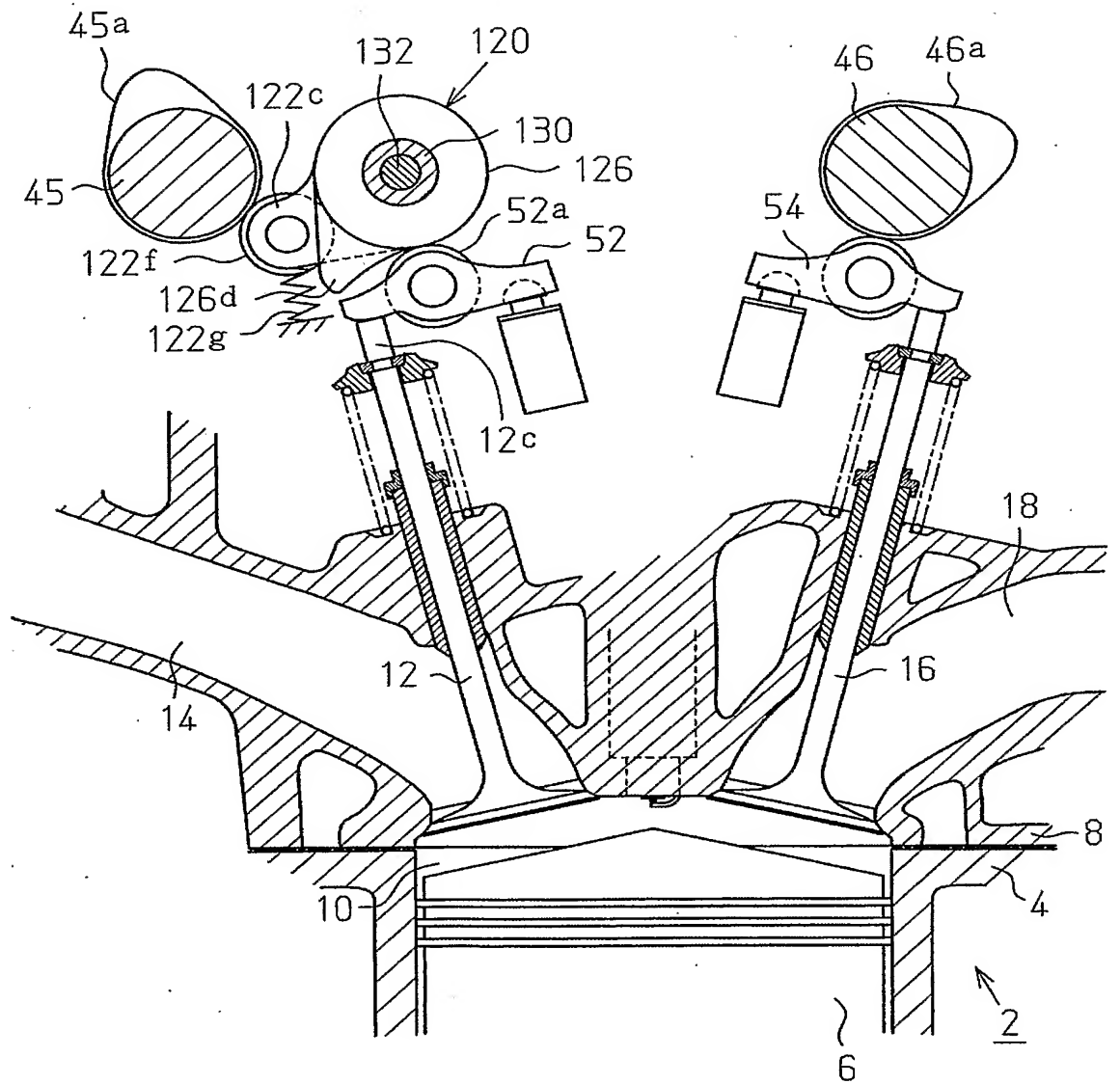


Fig.2

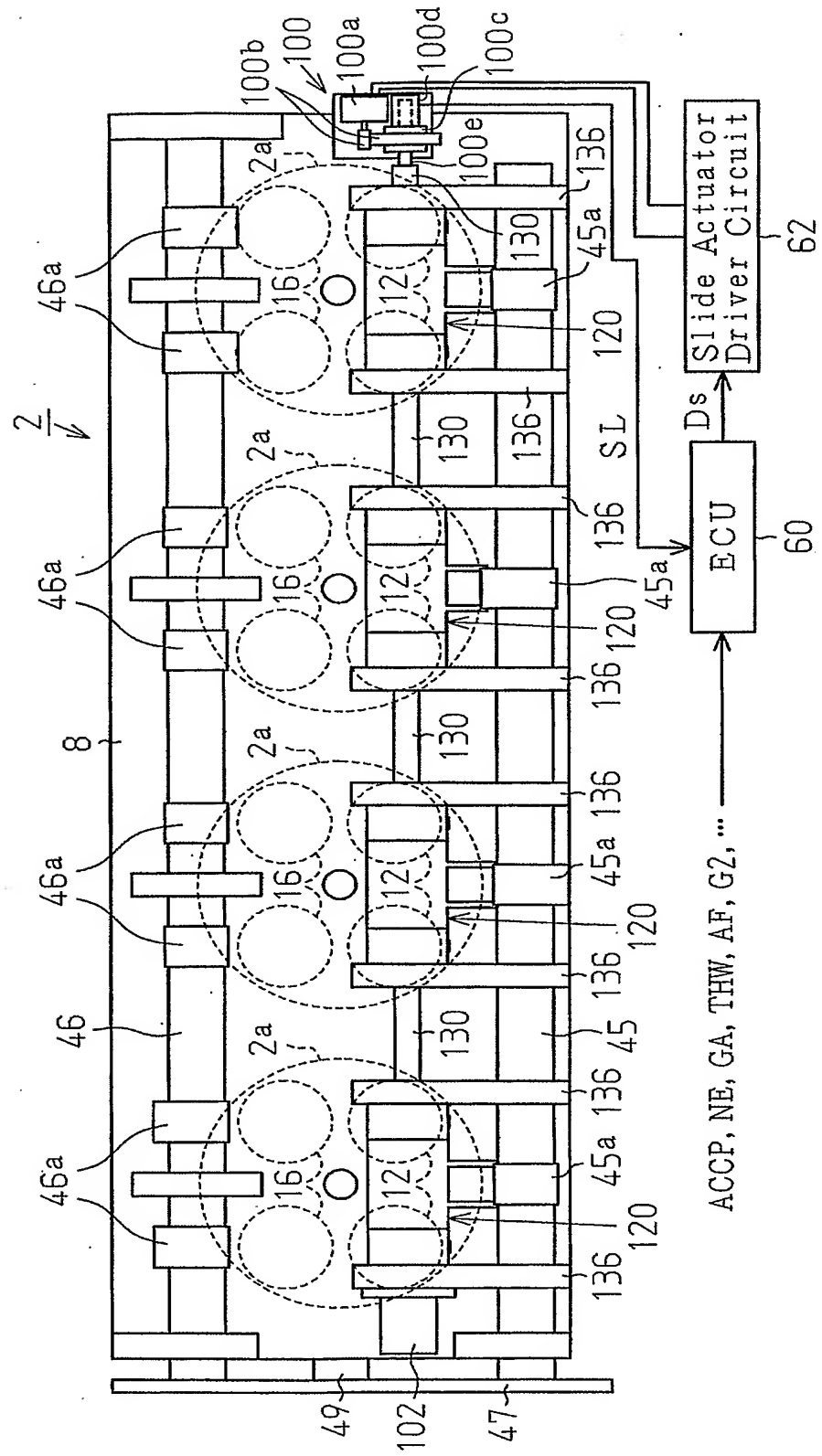


Fig.3

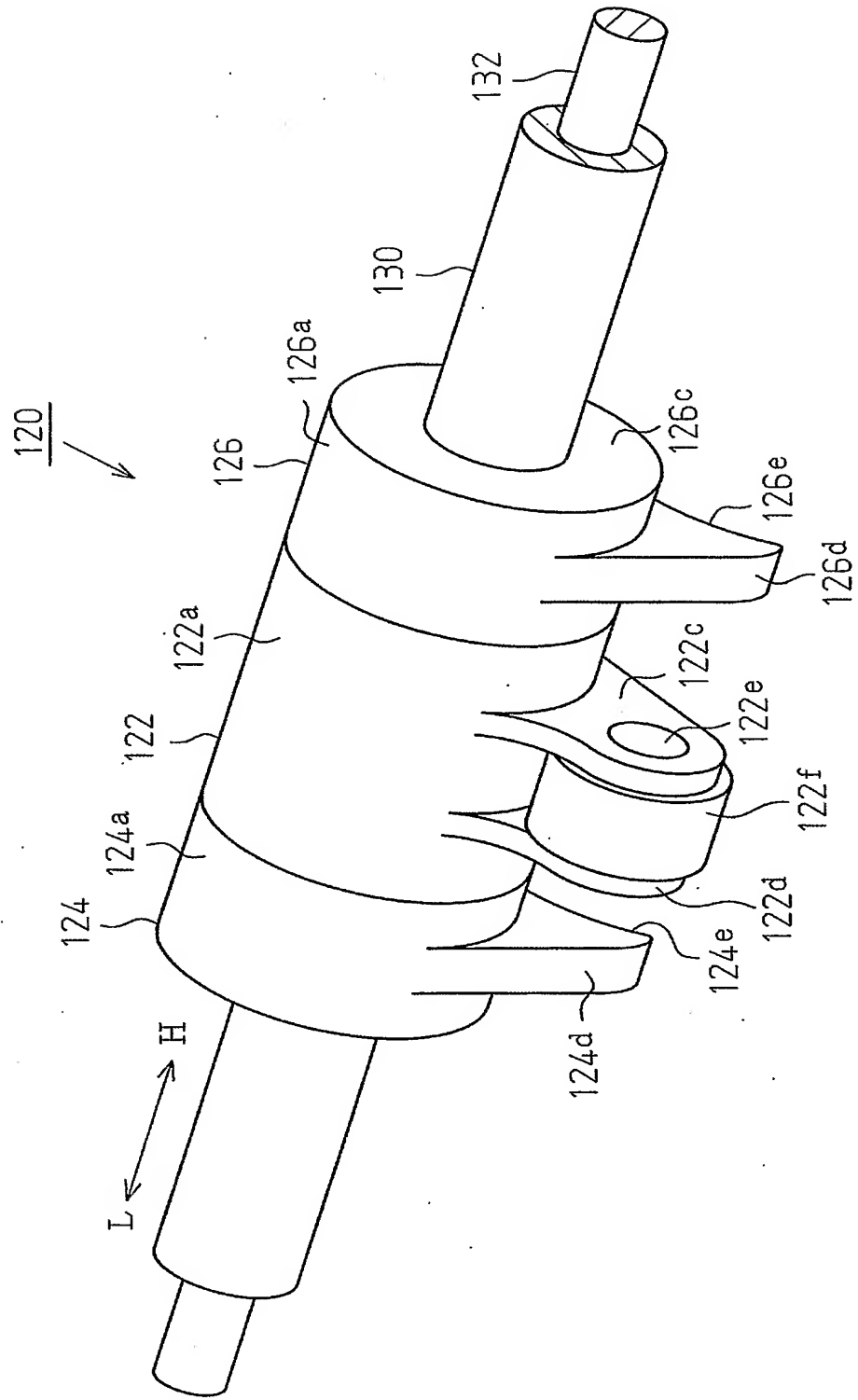


Fig.4 (A)

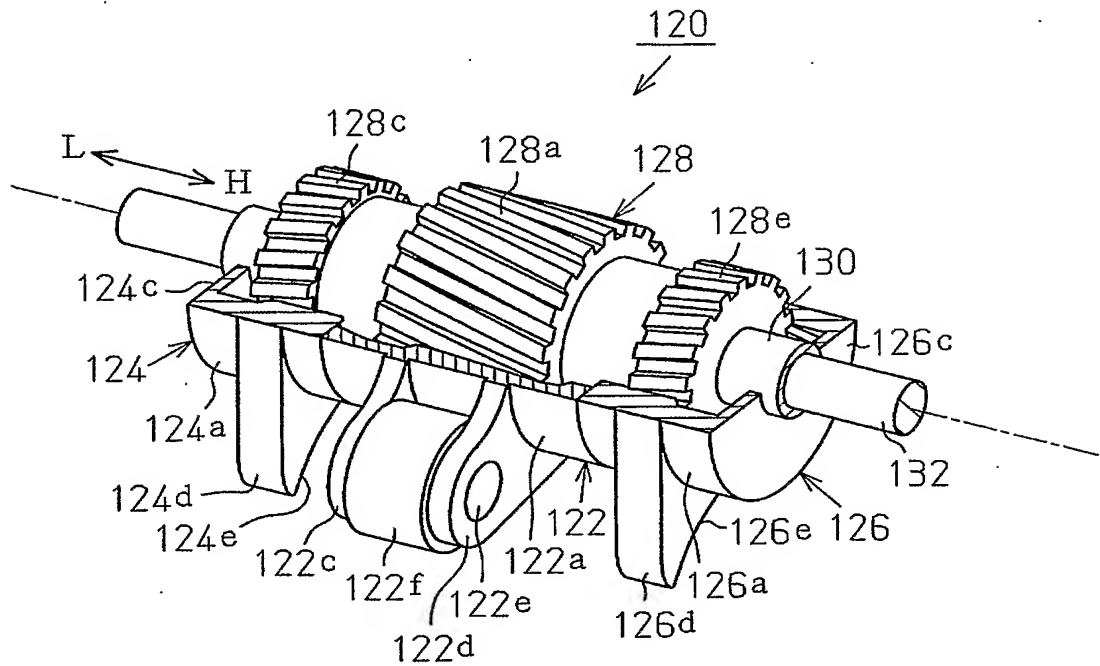


Fig.4 (B)

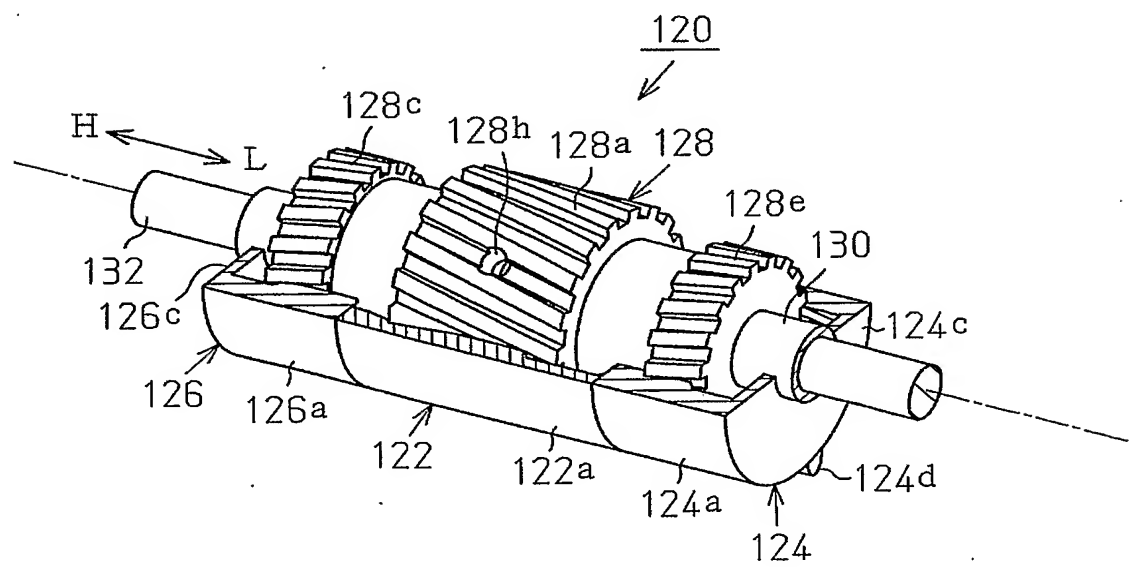


Fig.5

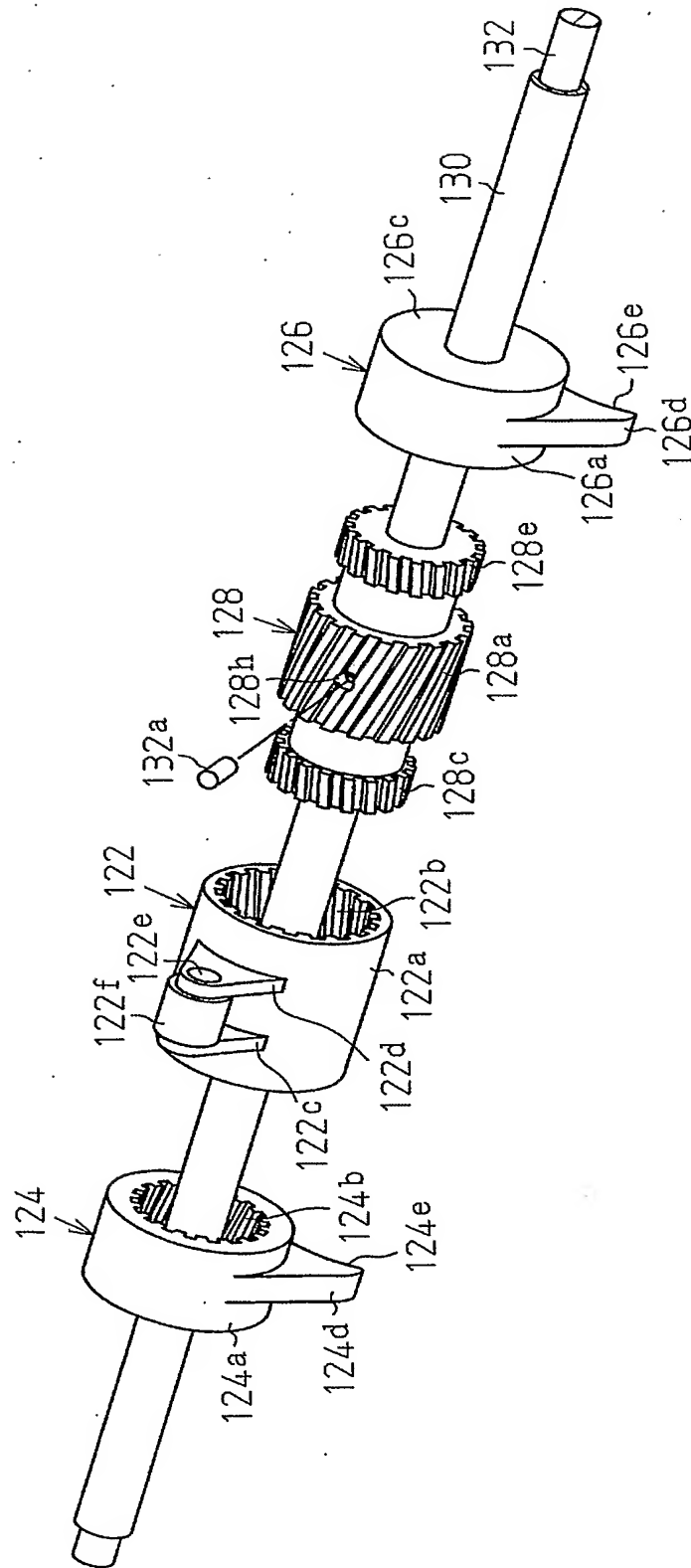


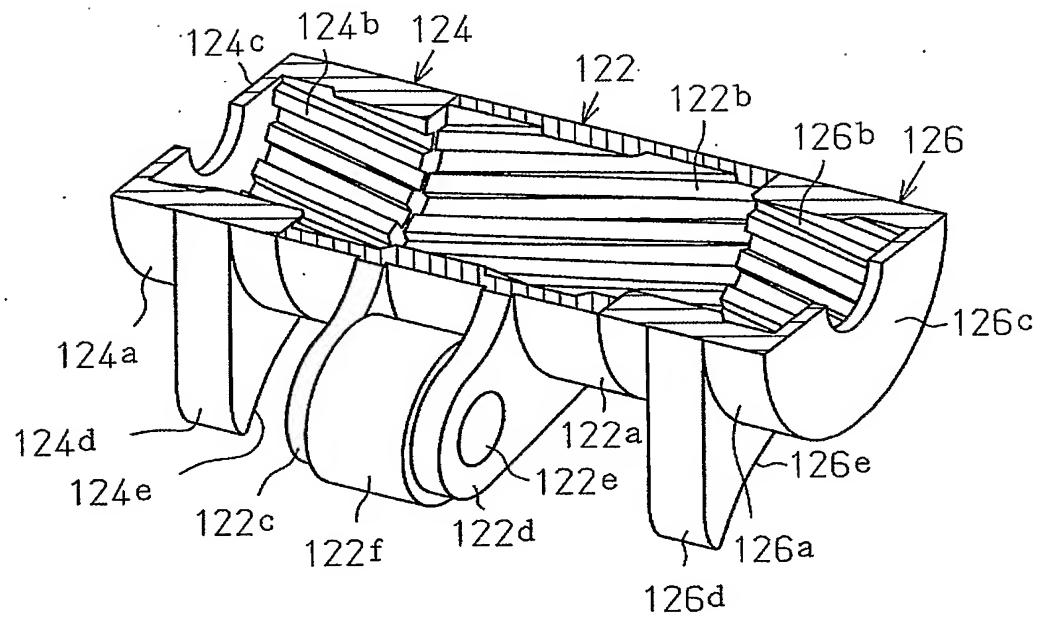
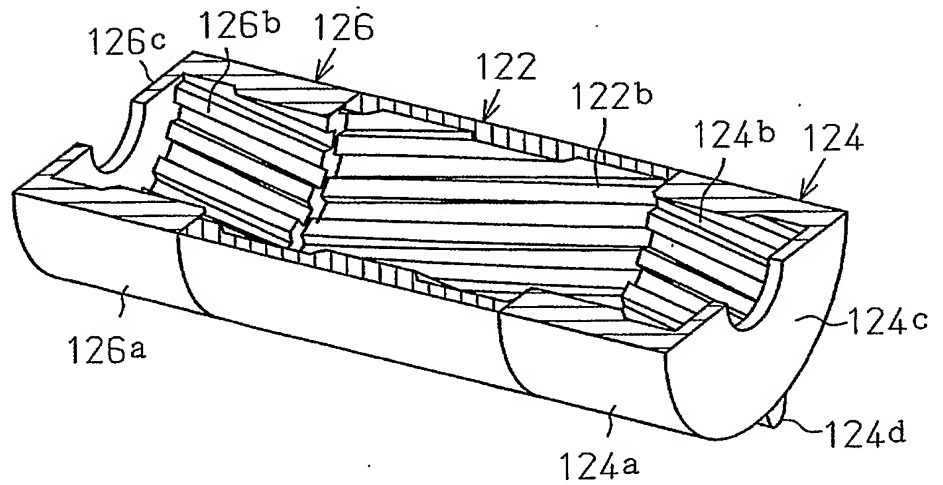
Fig.6 (A)**Fig.6 (B)**

Fig.7 (A)

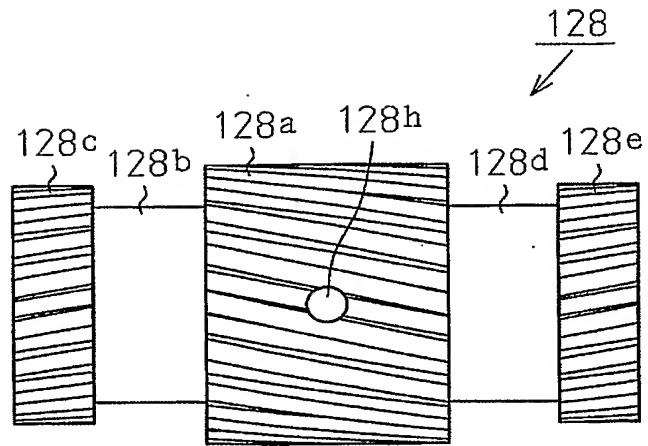


Fig.7 (B)

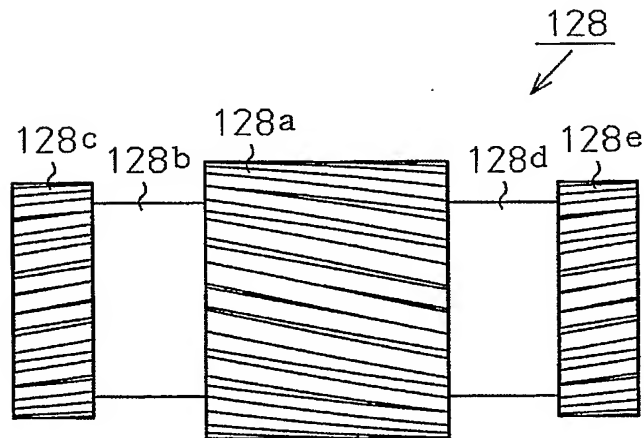


Fig.7 (C)

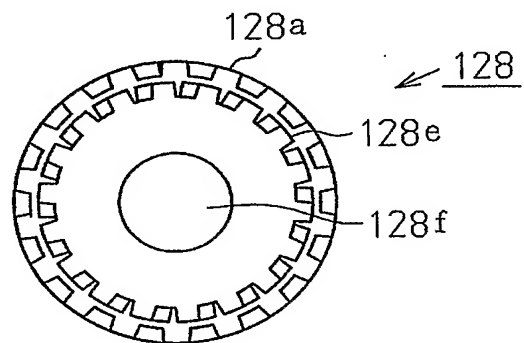


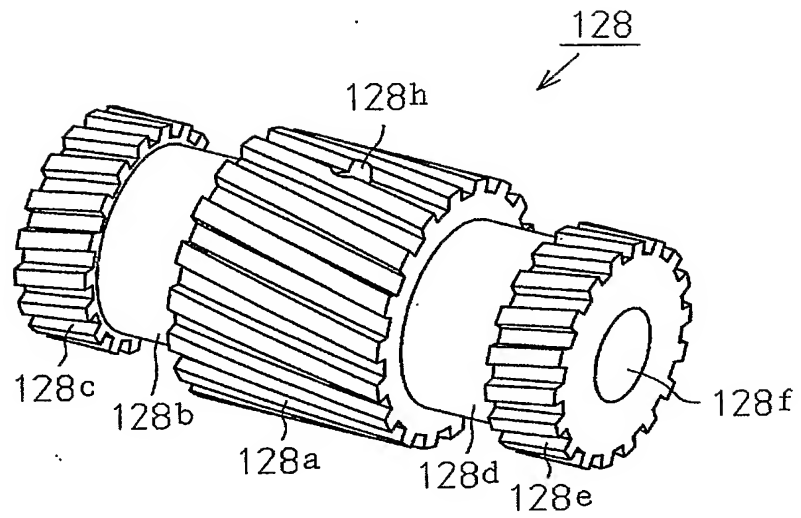
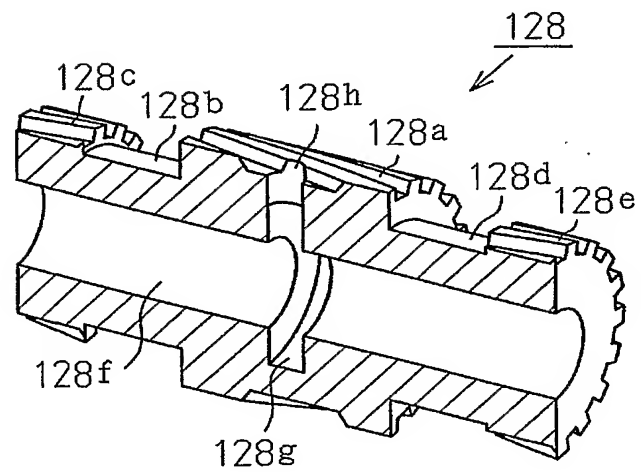
Fig.8**Fig.9**

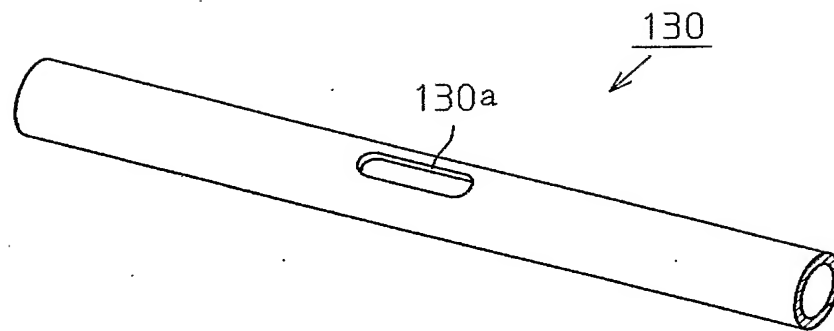
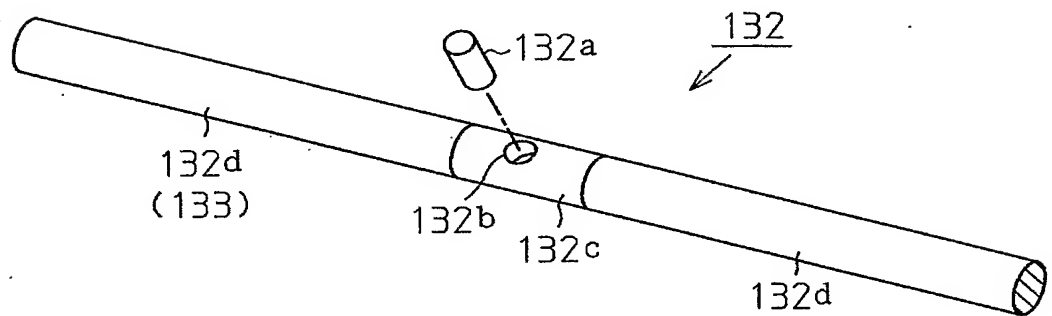
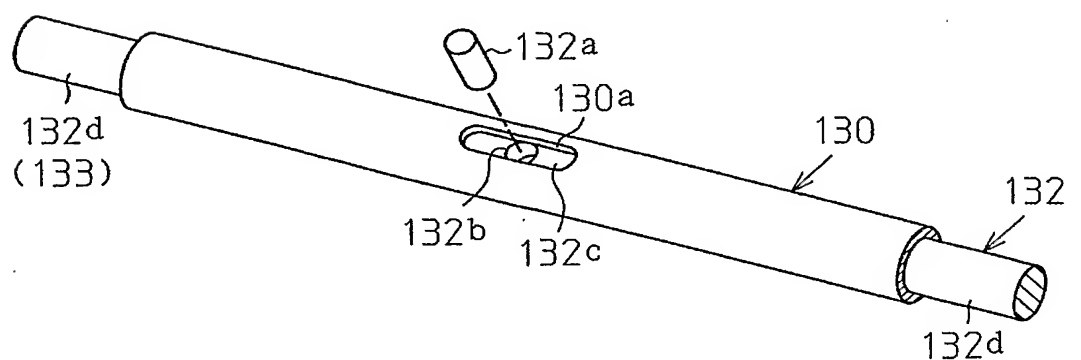
Fig.10 (A)**Fig.10 (B)****Fig.10 (C)**

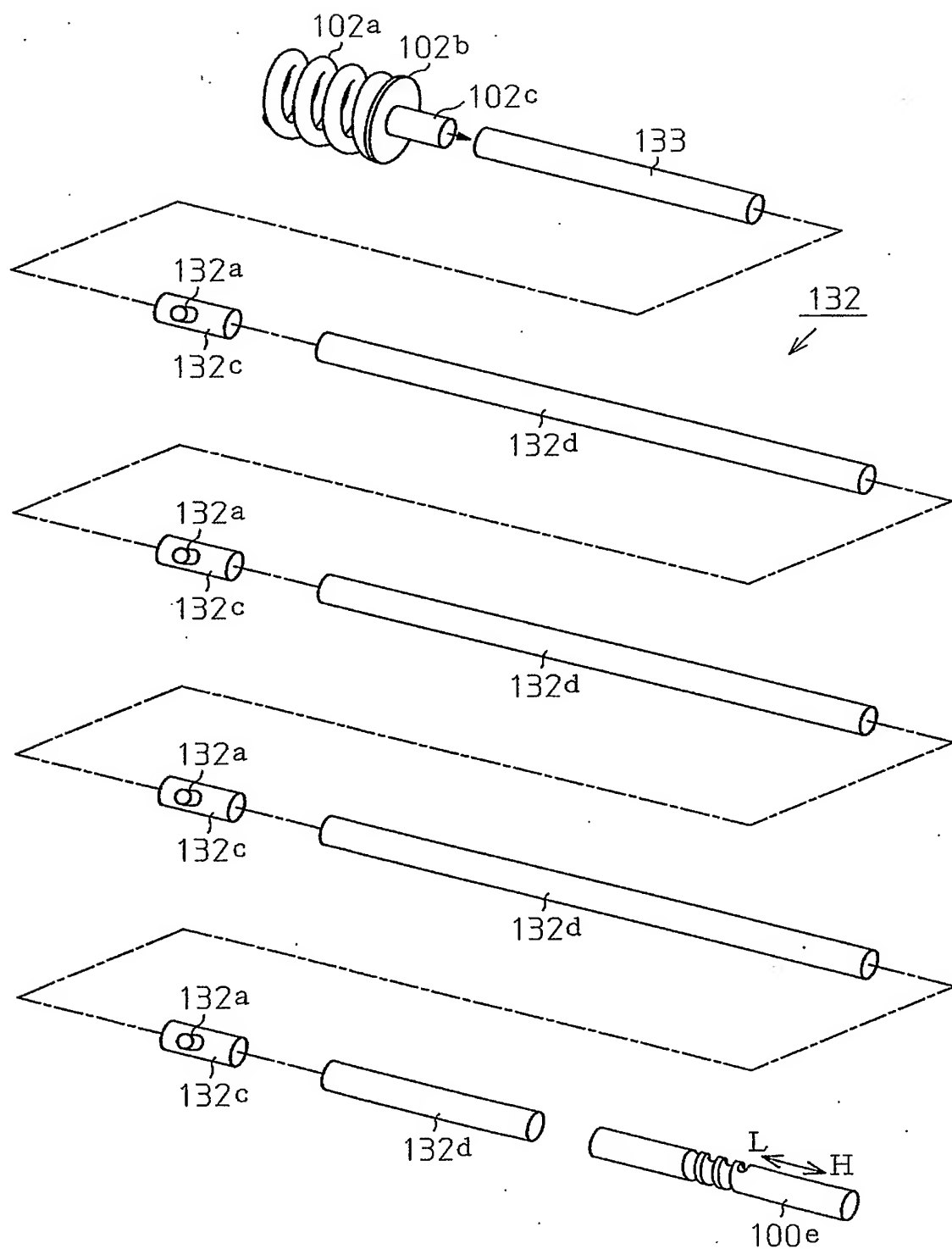
Fig.11

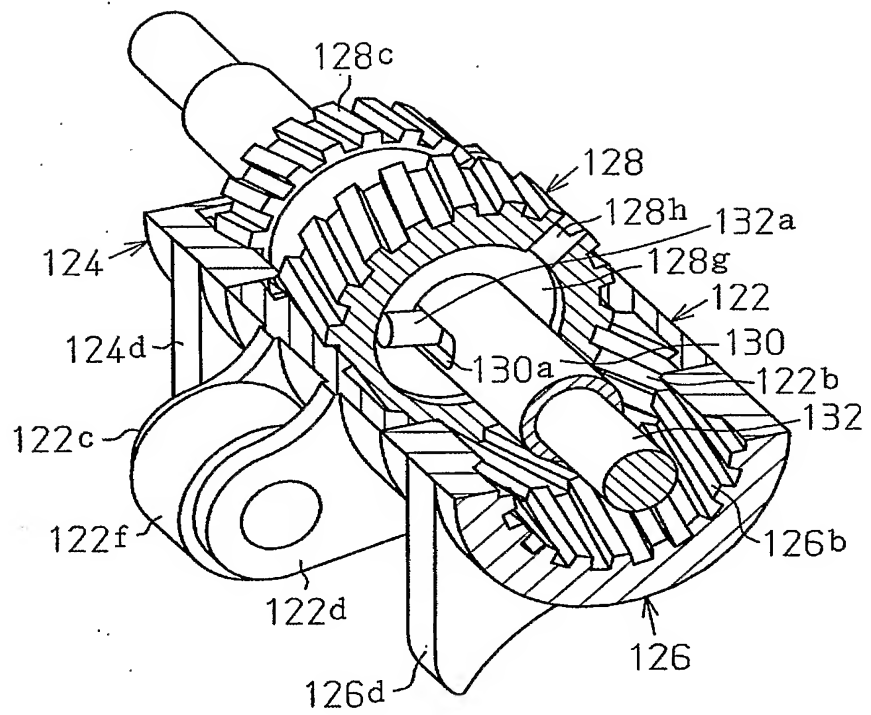
Fig.12

Fig.13(B)

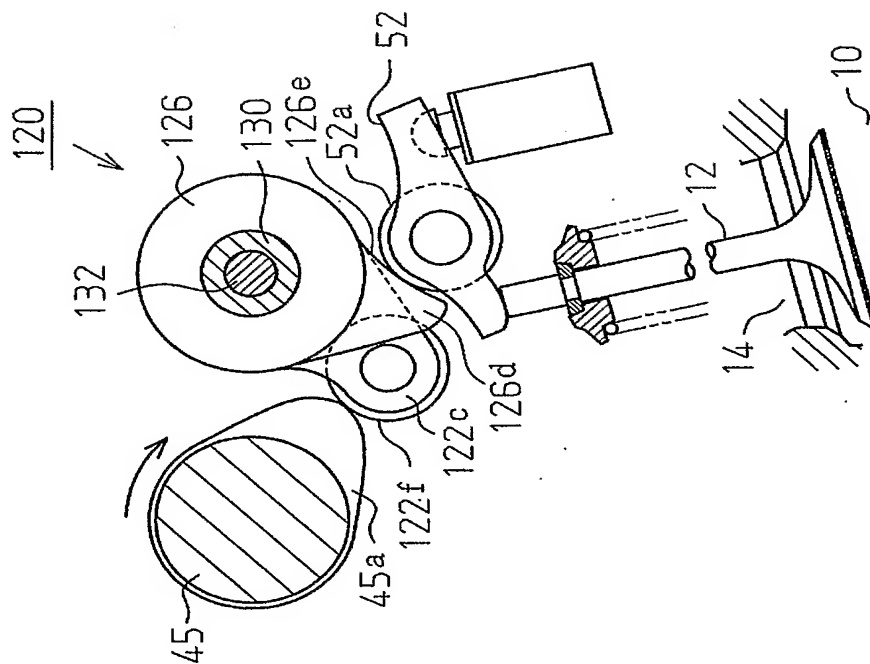


Fig.13(A)

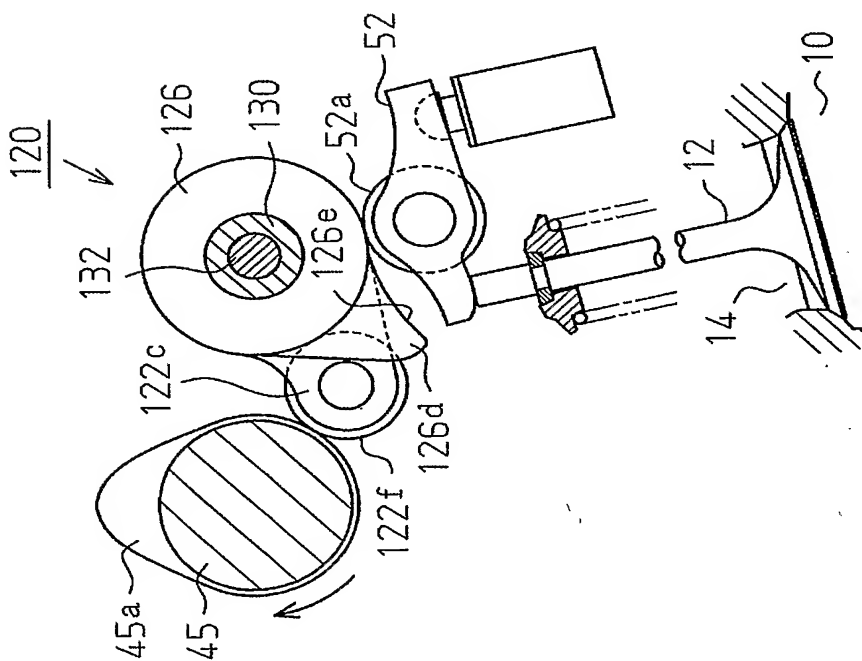


Fig. 14(A)

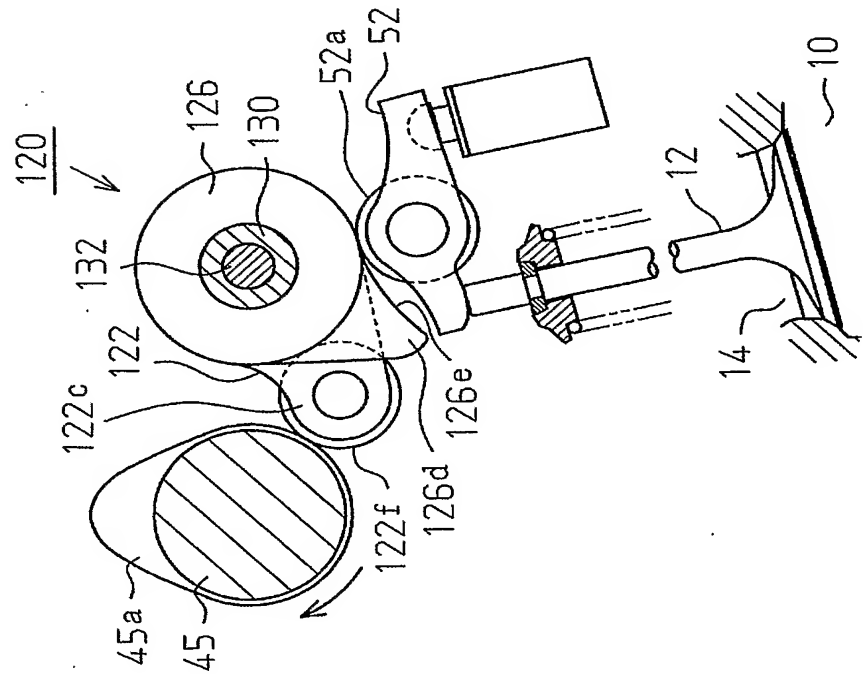


Fig. 14(B)

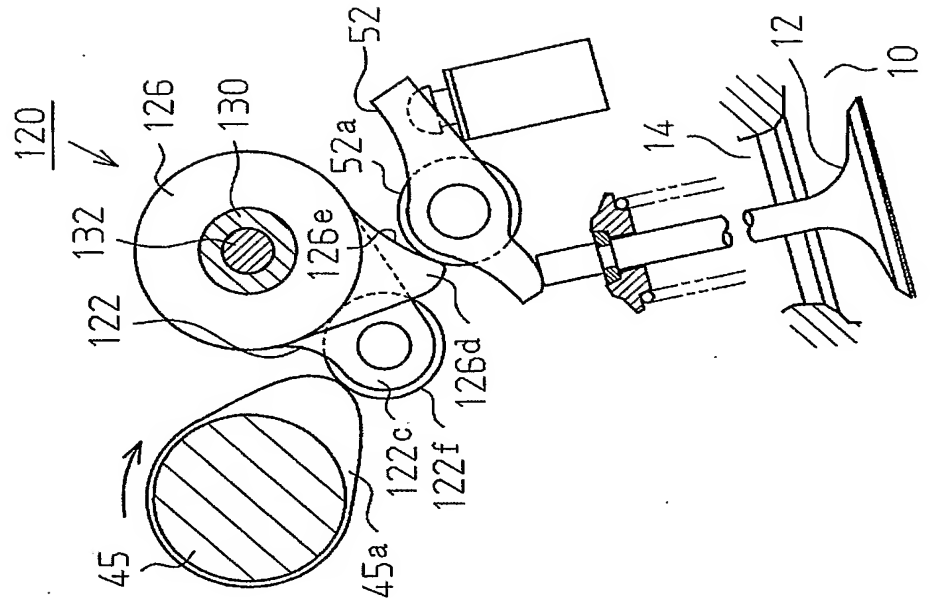


Fig.15

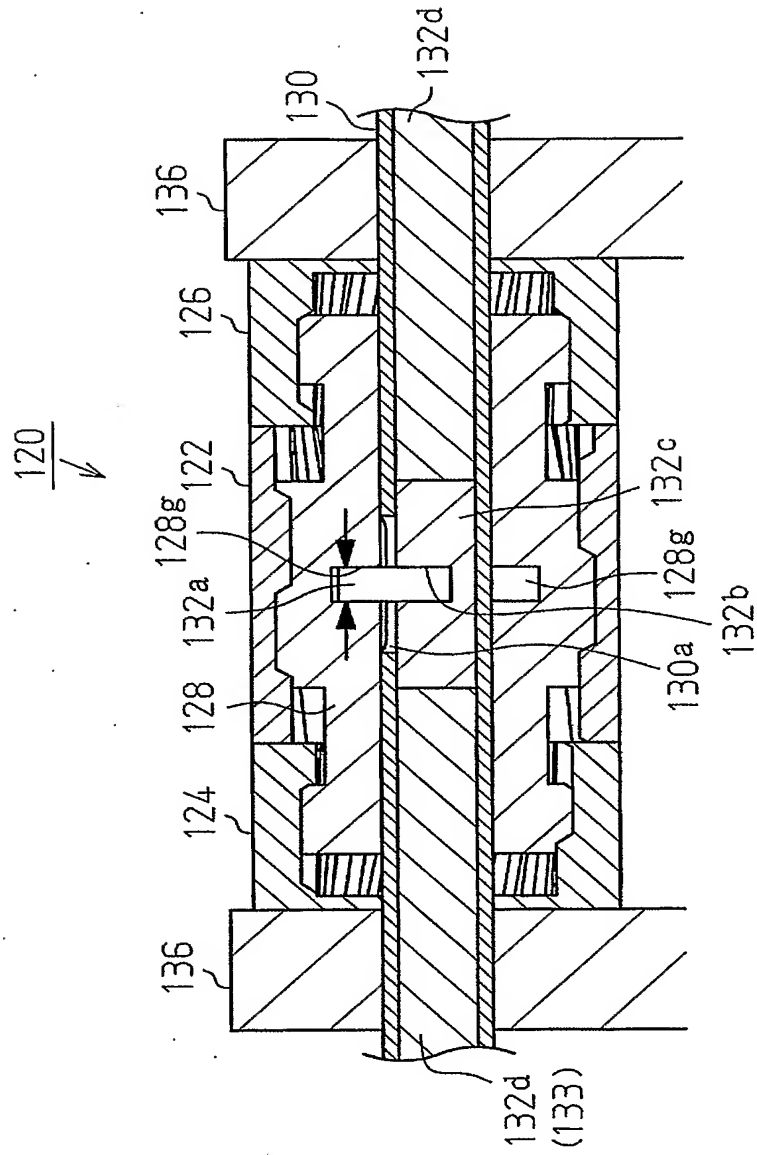


Fig.16

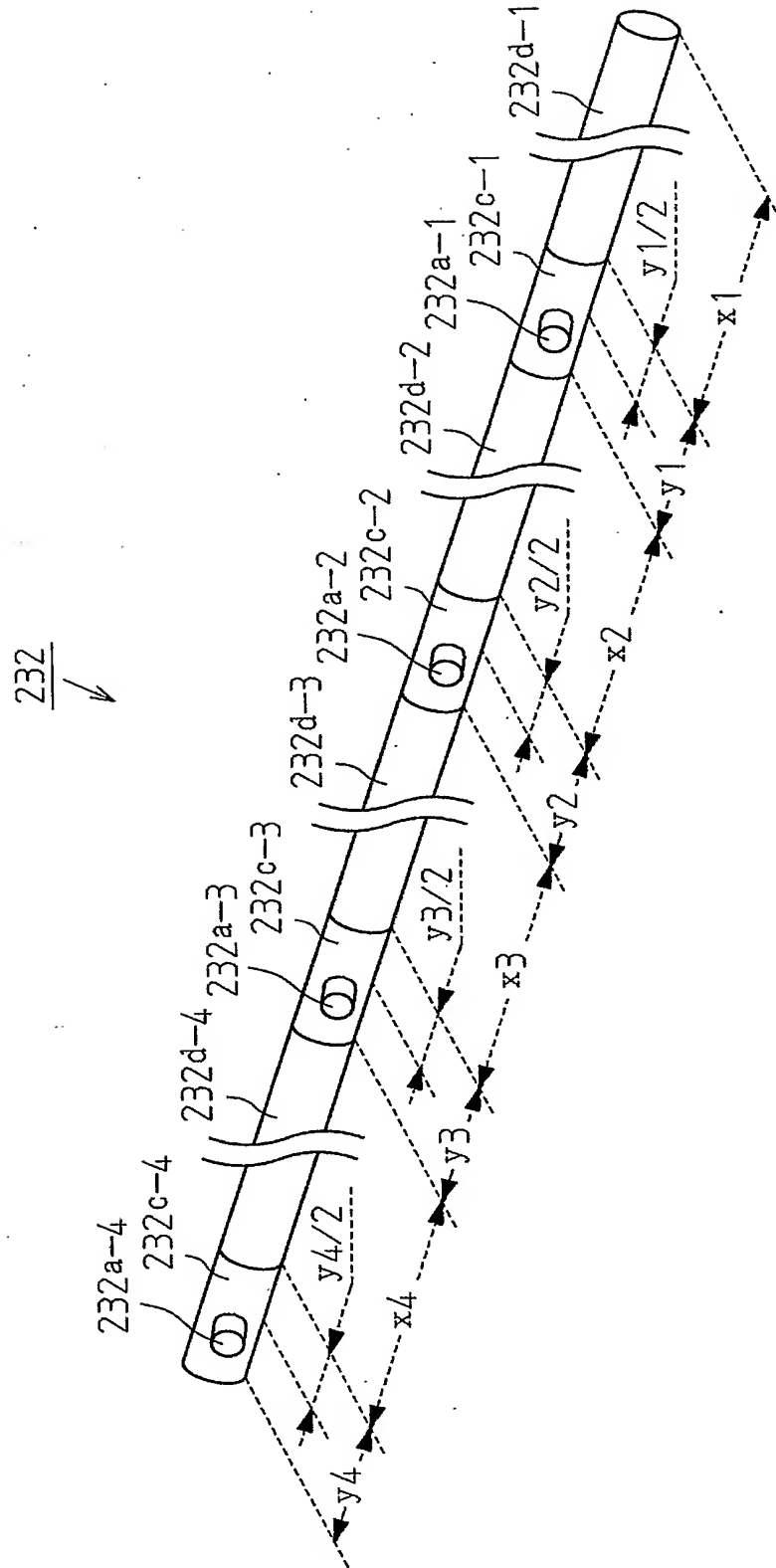


Fig.17

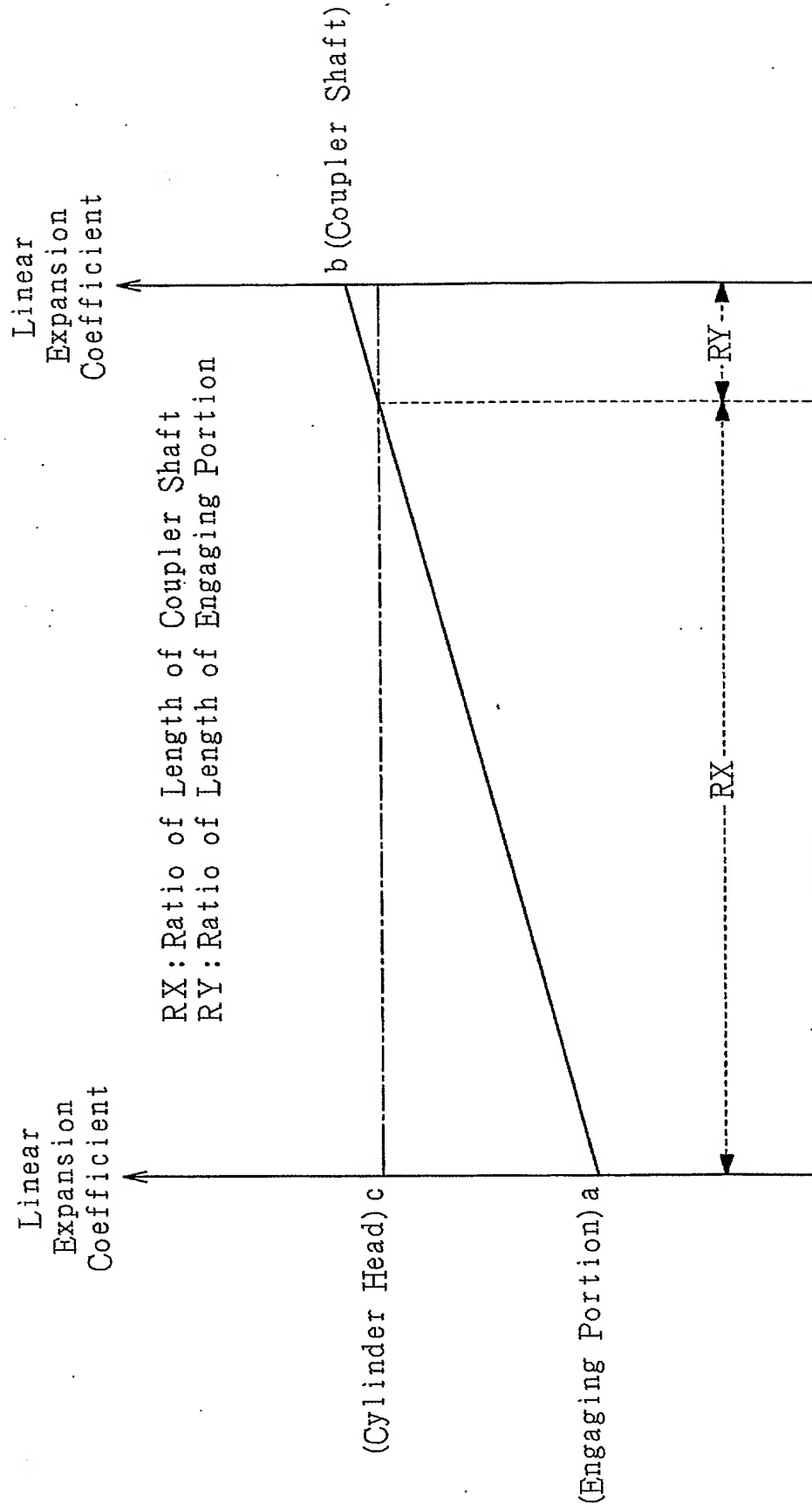


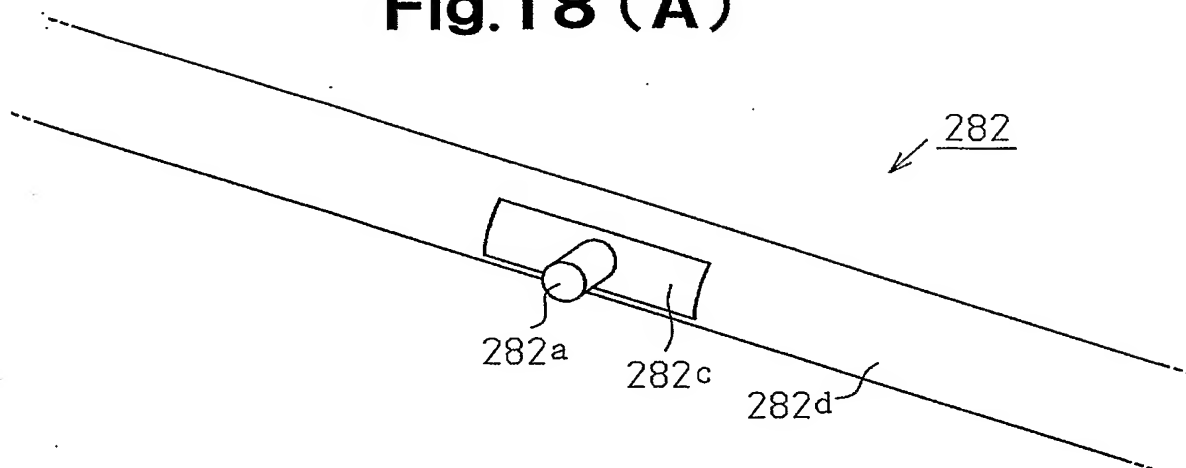
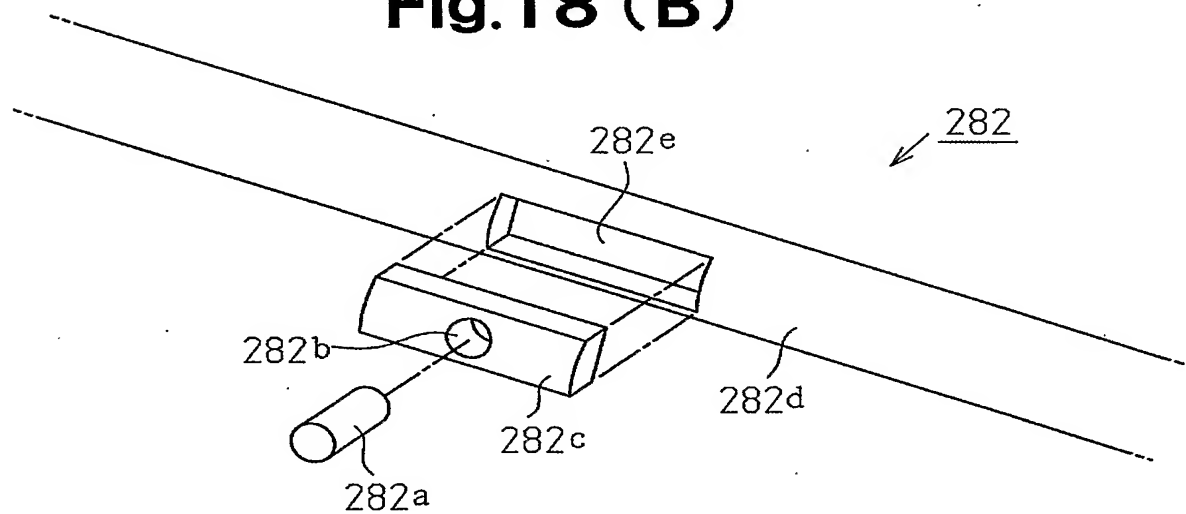
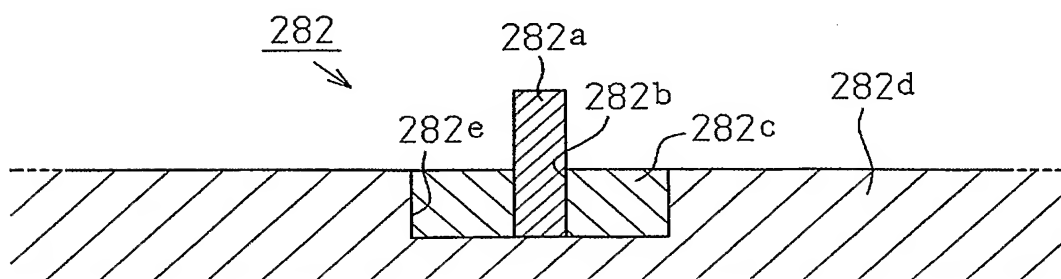
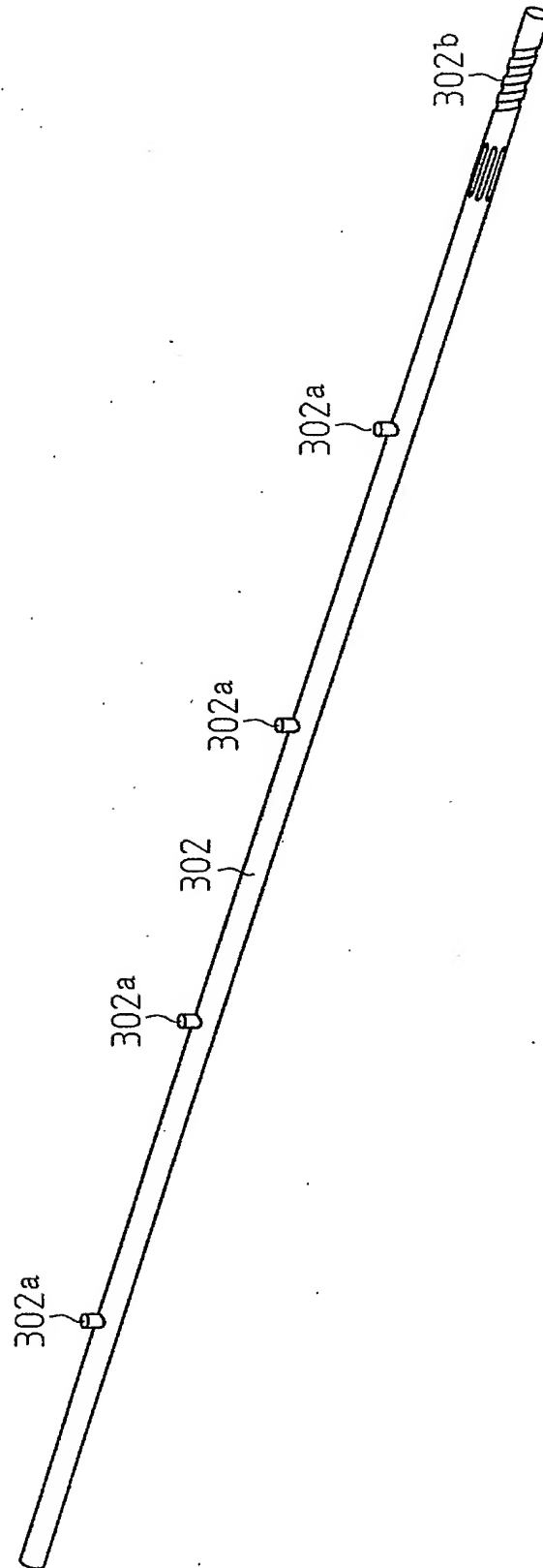
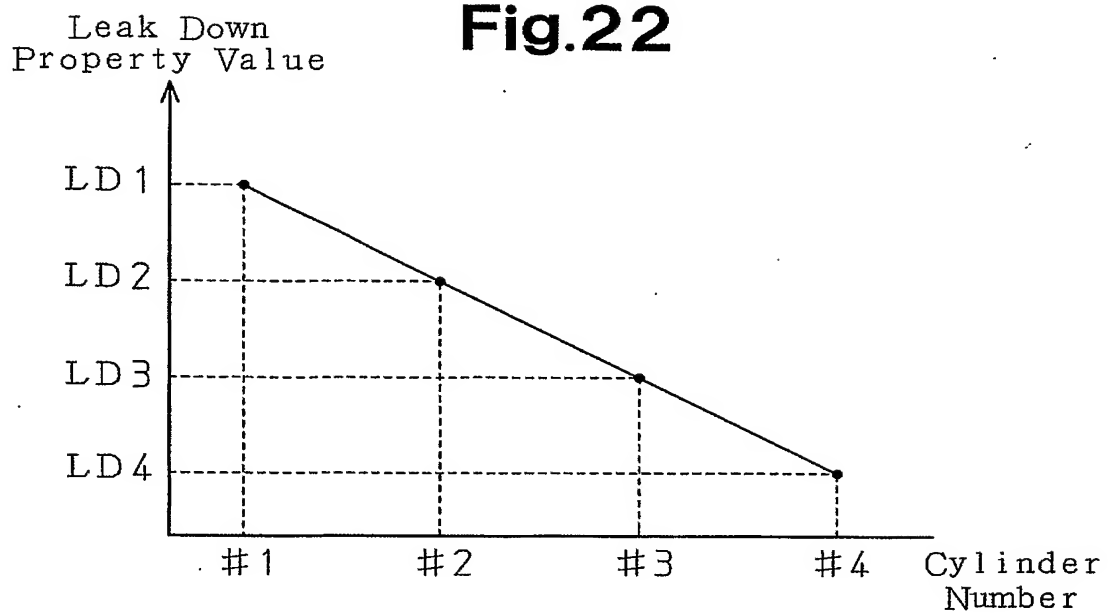
Fig.18 (A)**Fig.18 (B)****Fig.19**

Fig.20





[When Engine is Cold]

Amount of Increase
in Valve Duration Angle
and Lift due to Difference
in Thermal Expansion Coefficient

Fig.23 (A)

Amount of Decrease
in Valve Duration Angle
and Lift due to Leak Down

Fig.23 (B)

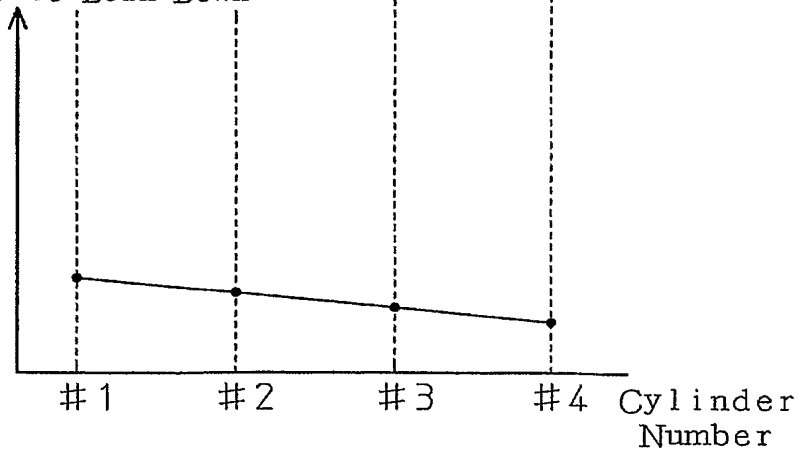
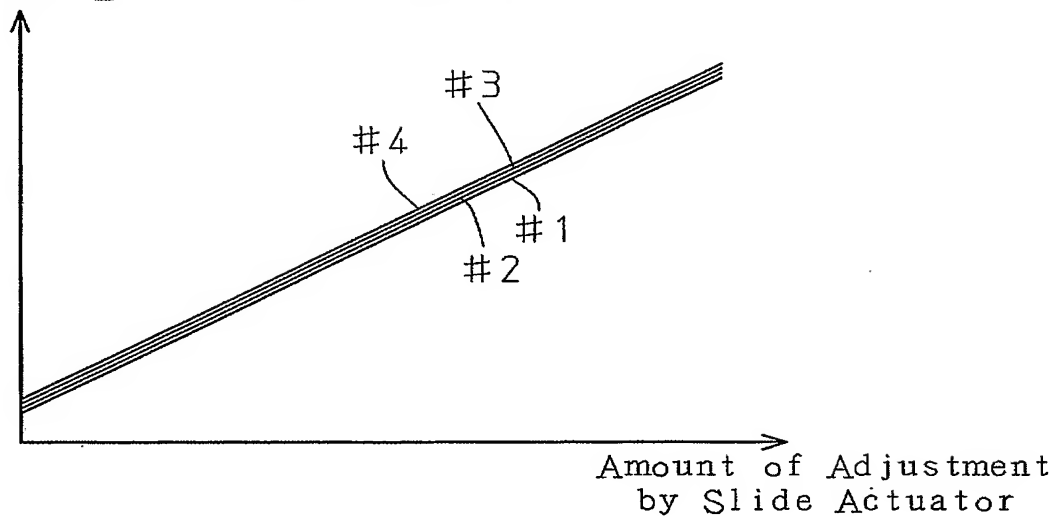


Fig.24Valve Duration
Angle and Lift

[When Engine is Cold]



[After Engine is Warmed Up]

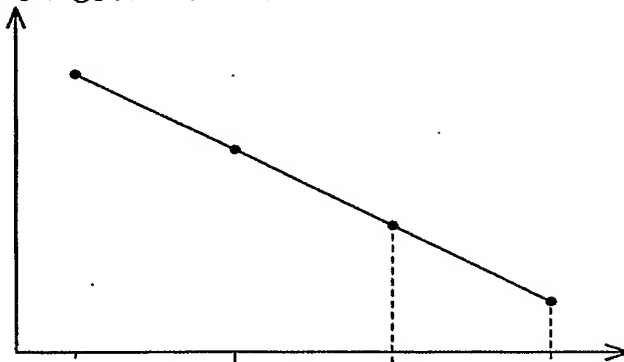
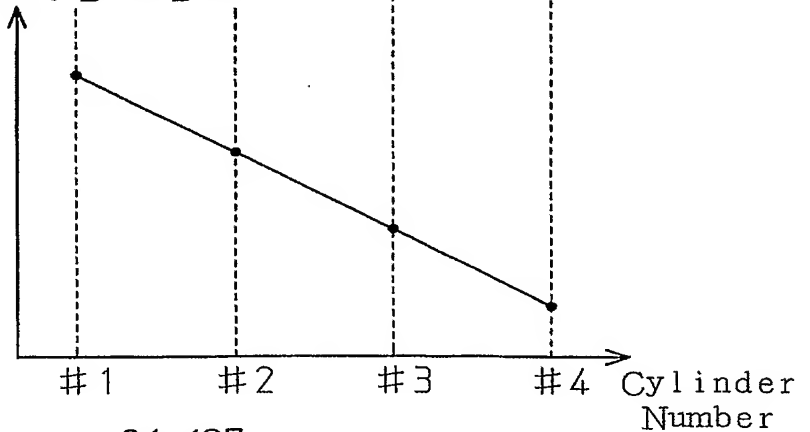
Amount of Increase
in Valve Duration Angle
and Lift due to Difference
in Thermal Expansion Coefficient**Fig.25 (A)**Amount of Decrease
in Valve Duration Angle
and Lift due to Leak Down**Fig.25 (B)**

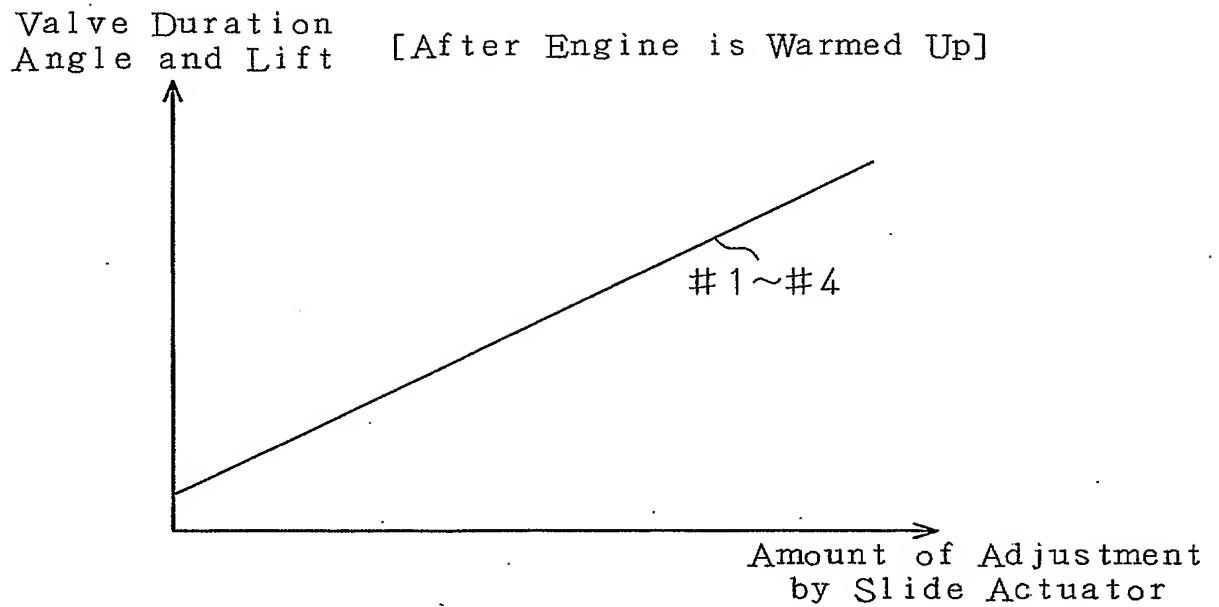
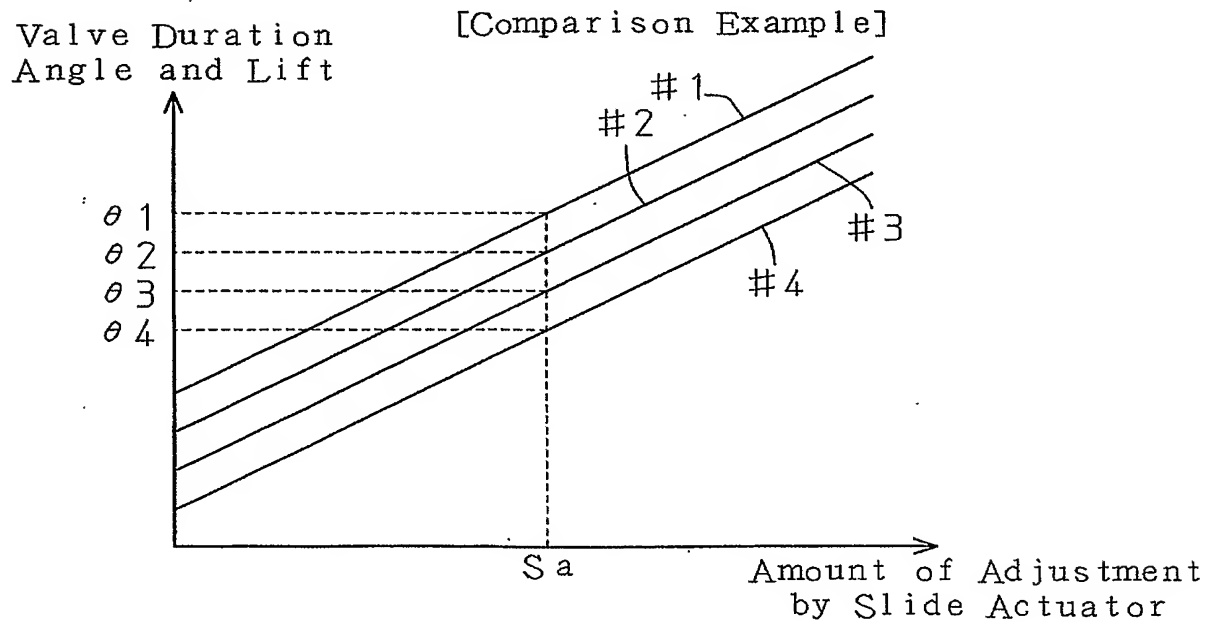
Fig.26**Fig.27**

Fig.28

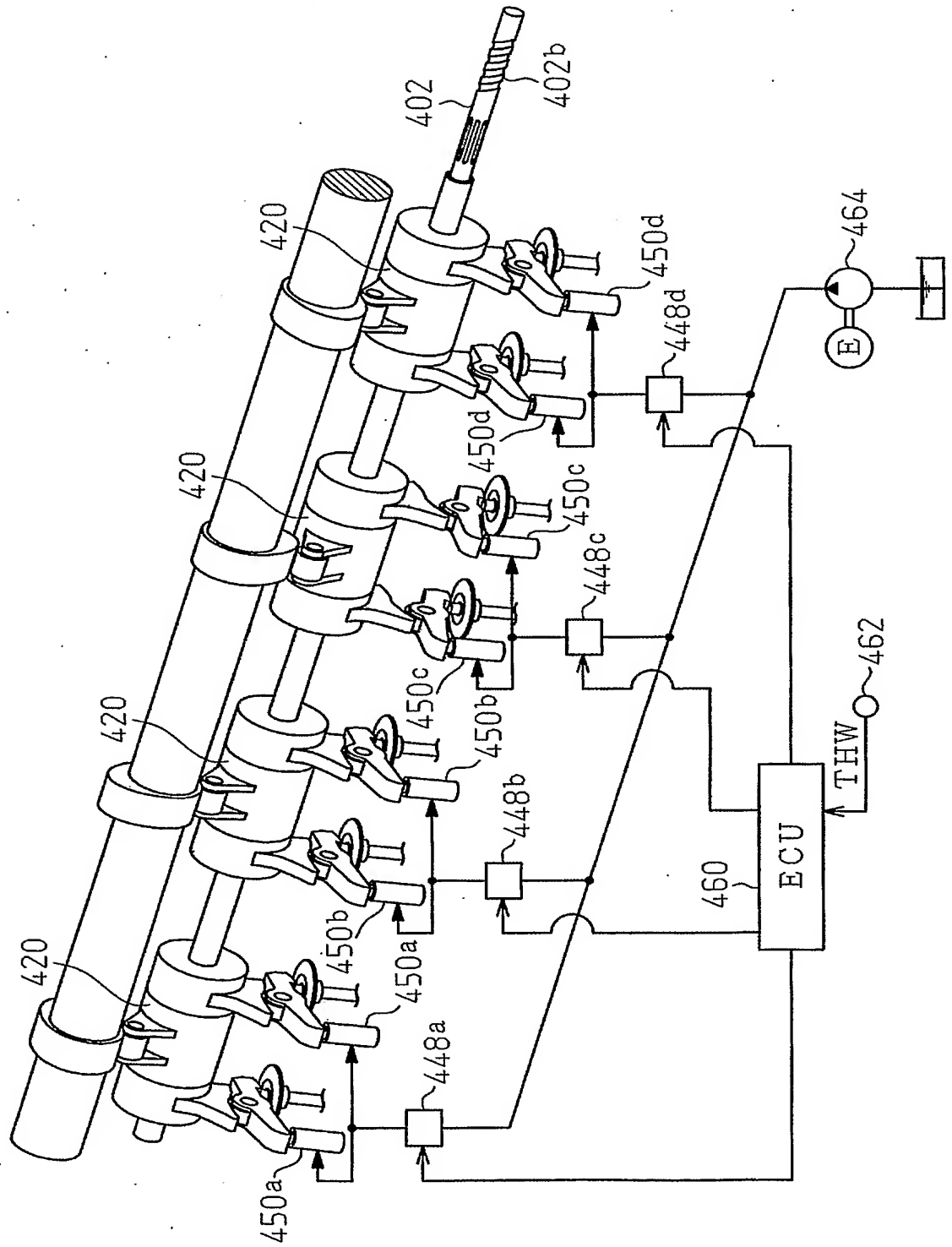
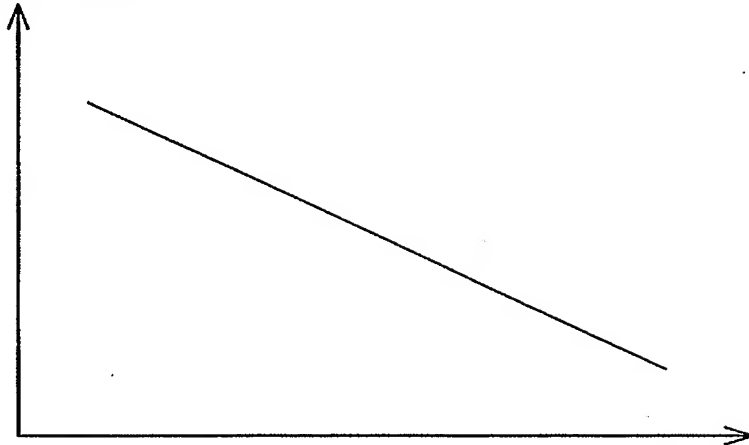


Fig.29

Amount of Decrease
in Valve Duration
Angle and Lift due
to Leak Down



Hydraulic Pressure

Fig.30

Supplied
Oil Pressure [Oil Pressure Control Map]

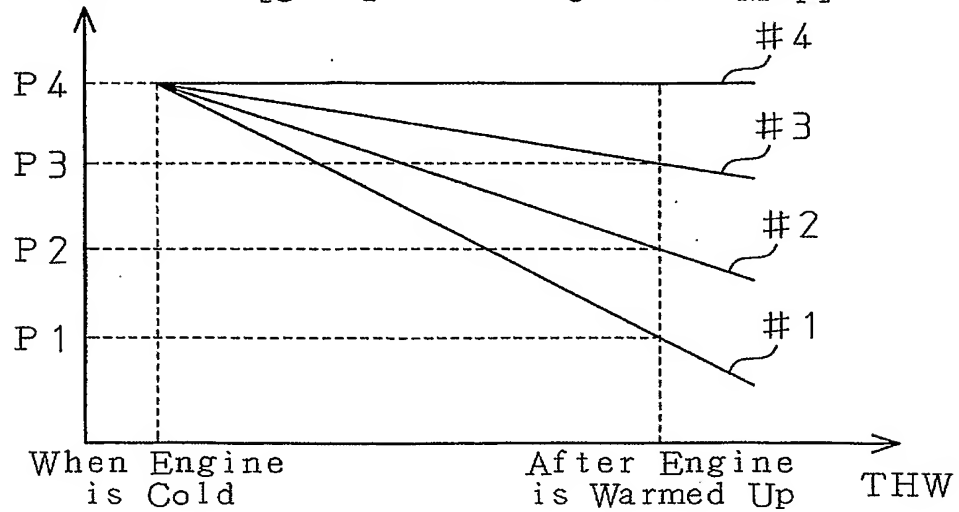


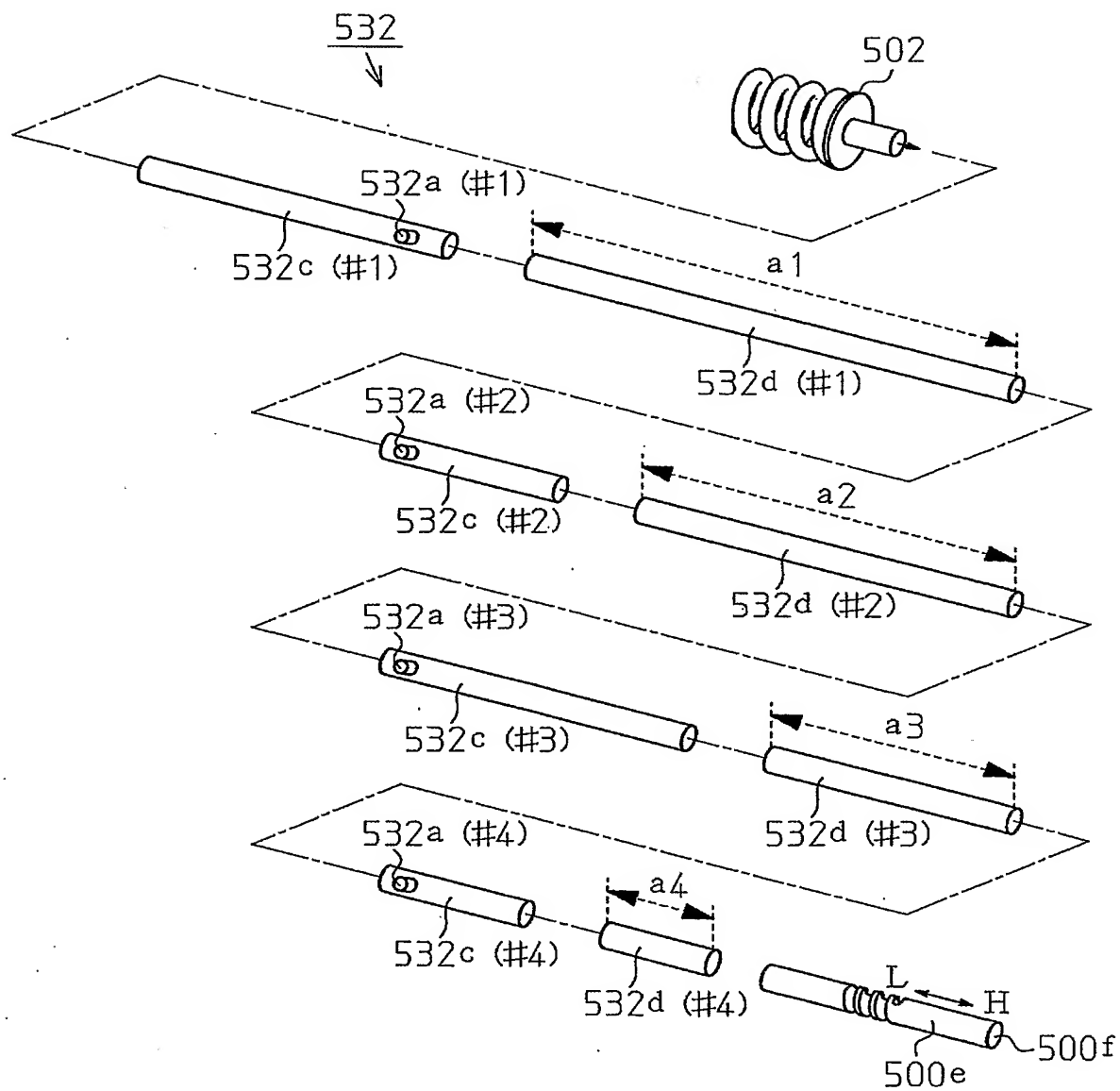
Fig.31

Fig.32

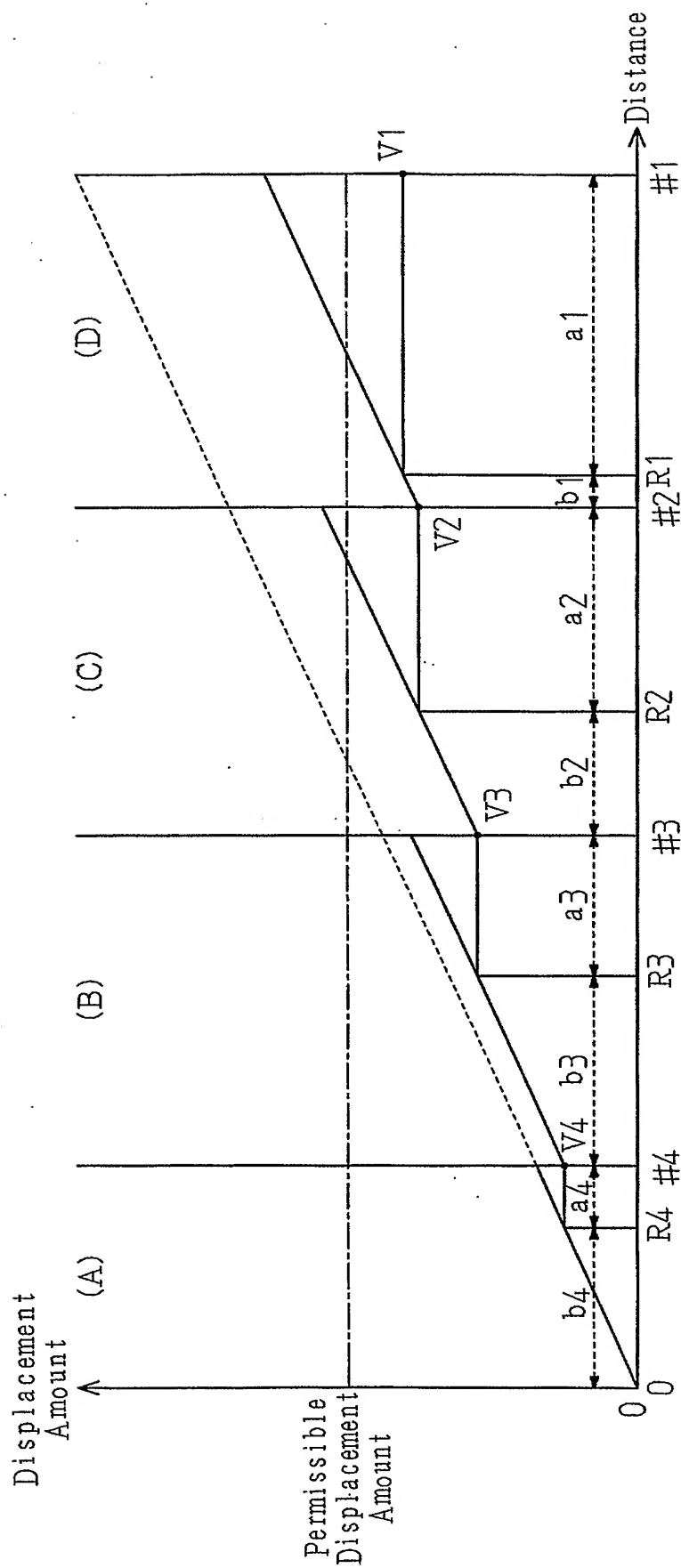


Fig.33

